

OWNER'S MANUAL



PETROL GRASS TRIMMER 251C

USER MANUAL, MAINTENANCE INSTRUCTIONS
AND SPARE PARTS



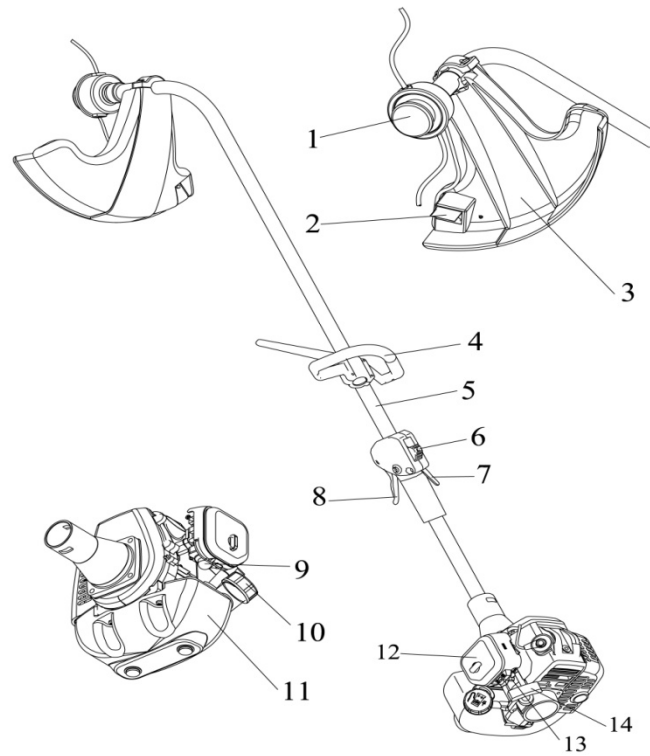
READ THIS MANUAL CAREFULLY BEFORE OPERATING THE MACHINE



WARNING:

THIS SYMBOL INDICATES IMPORTANT SAFETY PRECAUTIONS

DESCRIPTION

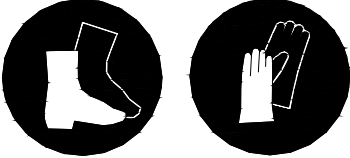
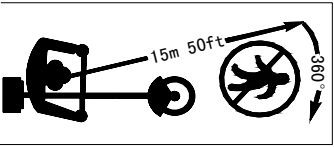


1	NYLON CUTTER HEAD	CONTAINS REPLACEABLE NYLON TRIMMING LINE
2	CUT-OFF KNIFE	TRIMS NYLON FILAMENT TO THE CORRECT LENGTH
3	SHIELD	MOUNTED JUST ABOVE THE CUTTING ATTACHMENT HELPS PROTECT THE OPERATOR
4	D-HANDLE	THIS HANDLE CAN BE ADJUSTED AT YOUR CONVENIENCE FOR COMFORT
5	DRIVE SHAFT ASSEMBLY	CONTAINS A FLEXIBLE DRIVE SHAFT
6	IGNITION SWITCH	ON AND OFF SWITCH
7	SAFETY LEVER	TO PREVENT ACCIDENTAL OPERATION OF THE THROTTLE
8	THROTTLE TRIGGER	SPRING LOADED TO RETURN TO IDLE WHEN RELEASED
9	PURGE BULB	PUSH THE PURGE BULB TO REMOVE THE AIR FROM THE FUEL SYSTEM
10	FUEL TANK LID	
11	FUEL TANK	CONTAINS FUEL AND FUEL FILTER
12	AIR CLEANER COVER	CONTAINS REPLACEABLE FELT ELEMENT
13	CHOKE	TO HELP IN COLD STARTING
14	STARTER HANDLE	PULL TO START THE ENGINE

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SAFETY SYMBOLS

Warning: Danger, Caution	
Read the documentation and safety instructions which are provided in this user manual.	
When operating this machine, use protective equipment such as goggles, helmet and ear defenders.	
Wear security shoes and gloves.	
Beware: Keep hands and feet away from moving parts. Always keep a safe distance from the cutting parts.	
Hot surface: Risk of burn.	
Danger: Risk of intoxication.	
Danger: Risk of fire or explosion	
Directive 2000-14/CE. Guaranteed noise levels	
Beware of objects being thrown from the operating zone	
Warning: Keep all people, animals and vulnerable objects at least 15 metres from the working area.	

TAKING CARE OF WARNING LABELS

- Always keep warning labels clean and free of scratches, which might make them illegible or difficult to read. If the warning labels provided with your grass trimmer become damaged, peel off, or otherwise become illegible or difficult to read, order new labels from the authorised servicing dealer and replace the damaged labels. When applying new labels, first wipe away any dirt and dry the surface before applying the new label in the same place as the original label.

WARNINGS IN THE MANUAL



- This mark indicates instructions which must be followed in order to prevent accidents which could lead to serious bodily injury or death.



- This mark indicates instructions which must be followed, or it leads to mechanical failure, breakdown, or damage.



- This mark indicates hints or useful directions in the use of the product.

EXPLANATION OF SYMBOLS ON THE MACHINE

- For safe operation and maintenance, symbols are carved in relief on the machine:



FUEL TANK

Fuel tank 2 stroke mix
Position: Fuel cap



CHOKE OPERATION

Starting mode when the engine is hot (choke off).
Position: Air cleaner cover.



Starting mode when the engine is cold (choke on).
Position: Air cleaner cover.

SAFETY PRECAUTIONS

INTRODUCTION

- Read this Owner/Operator Manual carefully. Be sure you understand how to operate this grass trimmer properly before you use it. Failure to do so could result in serious injury.
- Keep this manual handy so that you may refer to it later whenever any questions arise. Also note that you are able to contact the dealer from whom you purchased the product for assistance.
- Always include this manual when selling, lending, or otherwise transferring the ownership of this product.
- This product has been designed to be used as a grass trimmer for cutting fresh growth and it should never be used for any other purpose, doing so could result in unforeseen accidents and injuries occurring.
- This grass trimmer is equipped with an extremely sharp blade, always wear sturdy gloves when handling the blade.
- When using this grass trimmer for the first time, take the grass trimmer to a wide, clear, open space, start the engine, and practice handling the grass trimmer until you are sure that you will be able to handle it properly in actual operation.
- You should never use this grass trimmer when under the influence of alcohol, suffering from exhaustion or lack of sleep, suffering from drowsiness as a result of having taken medicine, or at any other time when your judgement might be impaired or that you might not be able to operate the grass trimmer properly and in a safe manner.
- Never allow children or anyone unable to fully understand the directions given in this manual to use this grass trimmer.
- When planning your work schedule, allow plenty of time to perform the work and allow plenty of time for rest. Limit the amount of time you continuously use the grass trimmer to 30~40 minutes per session and take 10~20 minutes of rest between work sessions. Also, try to keep the total amount of work performed in a single day to 2 hours.
- Never run the engine indoors as the exhaust gases contain harmful carbon monoxide.



Never use the grass trimmer in conditions as described below:

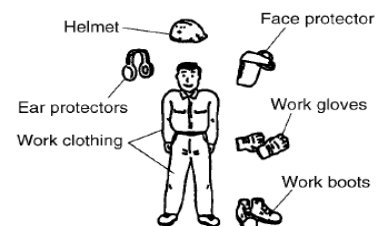
- When the ground is slippery or when other conditions exist which might make it difficult to maintain a steady posture while using the grass trimmer.
- At night, at times of heavy fog, or at any other times when your field of vision is limited and it would be difficult to gain a clear view of the area where the grass trimmer is to be used. In heavy rain, during lightning storms, at times of strong or gale-force winds, or at any other times when weather conditions might make it unsafe to use this product.
- Lack of sleep, tiredness, or physical exhaustion results in lower attention spans, and this in turn can lead to accidents and injury.



WORK CLOTHING AND SAFETY EQUIPMENT

When using the product, you should wear proper clothing and protective equipment.

- Helmet
- Protection goggles or face protector
- Ear protectors
- Thick work gloves
- Non-slip sole work boots
- When using your grass trimmer, always wear strong, durable, work clothing; shirts should be long-sleeved and trousers should be full-length.



SAFETY AND OPERATION

WARNING

- Improper handling can cause accidents which may in turn lead to serious injury or death. For this reason, you should always be careful to adhere to the following instructions when using your grass trimmer.
- Never hold the grass trimmer in a way in which the cutting head is pointing towards someone else.
- Never allow the trimmer head to come into contact with your body.
- Always turn off the engine before adjusting the grass trimmer, or at any time when coming into close proximity with the cutting head.

WARNING

SAFE HANDLING OF FUEL

- The engine of the grass trimmer is designed to run on a two stroke oil/fuel mixture.
- This fuel is highly flammable, never store cans of fuel or refill the fuel tank in any place where there is a source of heat or fire, which might ignite the fuel.
- Do not smoke whilst operating the grass trimmer or refilling, keep lit cigarettes away from the grass trimmer at all times.
- When refilling the fuel tank always stop the engine first and carefully make sure that there are no sparks or naked flames anywhere nearby before refuelling.
- If any fuel spillage occurs during refuelling, use a dry rag to wipe any fuel which has been spilled onto the grass trimmer before starting the engine.
- After refuelling, screw the fuel cap back tightly onto the fuel tank and carry the grass trimmer to a spot 5 metres or more away from where it was refuelled before starting the engine.



BEFORE OPERATING THE GRASS TRIMMER

- Before beginning work, carefully check the work area and remove any obstacles. Within a perimeter of 15 metres of the work area should be considered a hazardous area into which no-one should enter while the grass trimmer is being used, and when necessary this area should be marked with a warning rope, warning signs, or other forms of warning.
- When work is to be performed simultaneously by two or more operators, care should also be taken to constantly look around to check the presence and locations of other operators within the work area to maintain a safe distance between each operator.
- Before beginning work, each component of the grass trimmer should be checked to make sure that it is in proper working order, make sure that there are no loose screws or bolts, fuel leaks, ruptures, dents, broken guards or any other problems which might interfere with safe operation.
- Keep all parts of your body away from the cutting head when the engine is running.

BEFORE STARTING THE ENGINE

- Carefully check the work area to make sure that no obstacles exist within a perimeter of 15 metres around the grass trimmer before starting the engine.
- To start the engine, place the grass trimmer onto the ground in a flat clear area and hold it firmly in place to ensure that neither the cutting head nor the throttle come into contact with any obstacles when the engine starts.
- After starting the engine, make sure that the cutting head stops moving when the throttle trigger is released (idle). If the cutting head continues to move when the engine is at idle, adjust the idle screw on the carburettor to a point where the cutting head stops moving, if this cannot be achieved, take the grass trimmer to your authorised service dealer for adjustment.

AVOID NOISE PROBLEMS

- Check and follow the local regulations for sound levels and hours of operation for garden machinery.
- In general, operate the grass trimmer between 8 am and 5 pm on weekdays and 9 am to 5 pm at weekends.
- Avoid using the grass trimmer late at night and/or early in the morning.

ASSEMBLY OF THE GRASS TRIMMER



The blade fitted to the guard is sharp and can cause injury, always wear gloves

INSTALLATION OF THE GUARD

- To install the guard to the shaft, locate the shield using bracket A as a locating point Fig 2, and secure using plate B and 2 screws Fig 4.

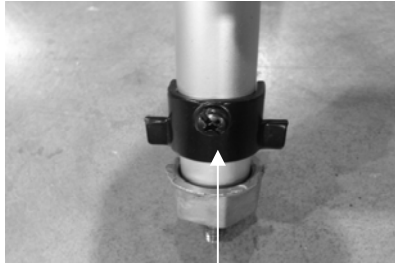


Fig 1 BRACKET A

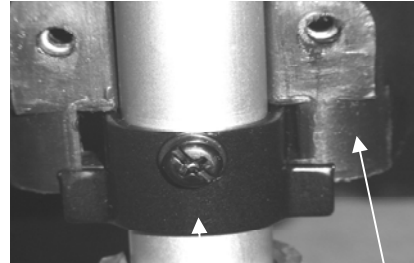


Fig 2 BRACKET A
SHIELD

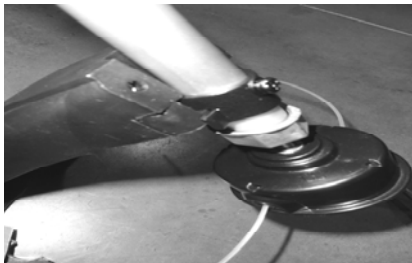


Fig 3

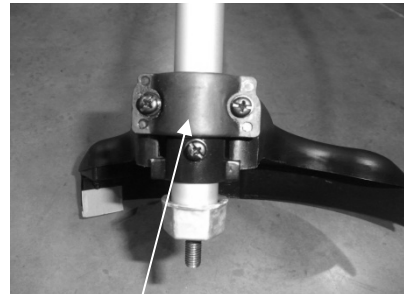


Fig 4 PLATE B



The blade fitted to the guard is sharp and can cause injury, always wear gloves

INSTALLATION OF THE NYLON HEAD

- Hold the dust cover Fig 5 with a wrench Fig 6 to stop the shaft rotating and screw the trimmer head clockwise onto the drive shaft until tight.

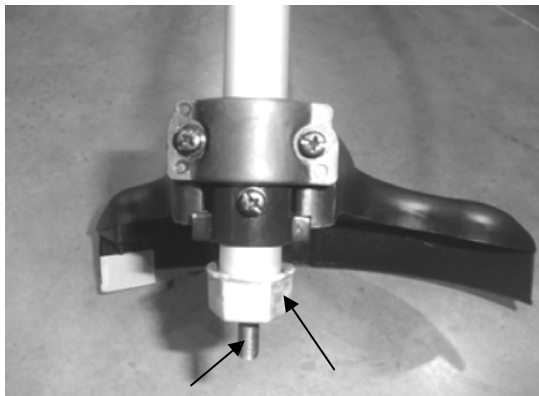


Fig 5 DRIVE SHAFT, DUST COVER

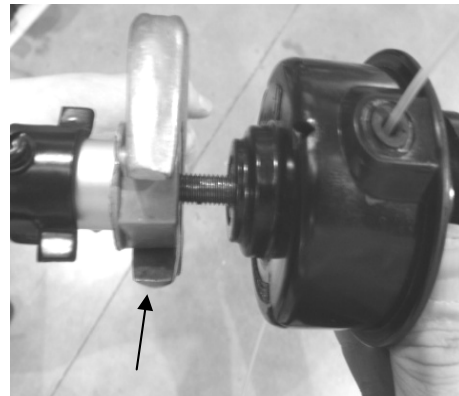


Fig 6 WRENCH

FITTING OF THE HANDLE

- Assemble the two halves of the handle over the rubber on the shaft Fig 7, and secure using 4 M5 X 25 screws.
- Adjust to a comfortable working position then tighten the fixing screws securely Fig 8.

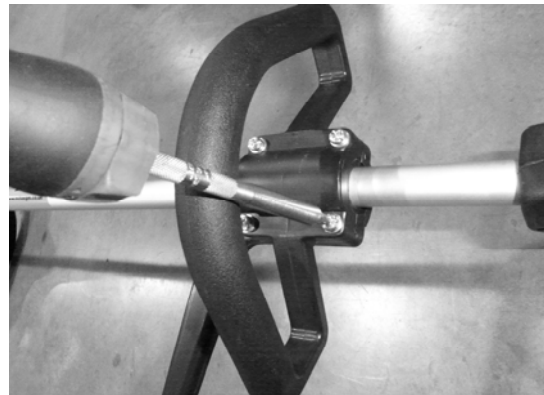
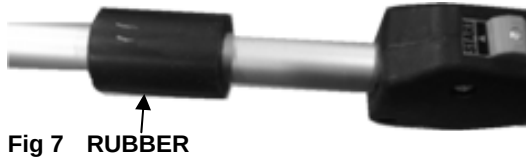


Fig 8

USING THE GRASS TRIMMER

CUTTING LINE HEAD

- Cut the grass in 1.5 metre widths, keeping the machine well balanced.
- Avoid engaging stones, piles of earth, small pieces of wood or anything that could be hidden or difficult to see in the grass. If a large object is accidentally struck, if the cutting head gets blocked, overloaded or stringy material gets wrapped in the cutting head: reduce the engine speed so the engine idles. Make sure that the cutting head has stopped rotating switch off the engine and remove the material.
- Put the grass trimmer on the ground and check that the cutting head has not been damaged. If necessary, change the cutting head. If the head is only wrapped by vegetation, remove by hand and clean the cutting head.
- Always wear gloves for this operation and ensure the engine is switched off and the head is stationary.
- This machine is fitted with a "Tap to Go" head. To release more line, tap the 'bump knob' against the ground with the engine at top speed: the line will be released automatically and the knife fitted to the guard will cut off any excess line.

BAD QUALITY OF CUT

- Area too overgrown or thick for the available engine power or thickness of the line; take smaller quantities with each pass of the cutting head.

SAFETY WHEN USING THE GRASS TRIMMER

- When using the grass trimmer, grip the handles firmly with both hands, place your feet slightly apart so your weight is distributed evenly across both legs, and always maintain a steady even posture while working.
- Maintain full engine speed when cutting.
- Never allow other persons to come within the work area as doing so might expose them to danger.
- Keep work area clear of all persons, particularly small children and pets. Injury may result from flying debris.
- If grass or other objects get caught in the grass trimmer during operation, always stop the engine before removing the object.



- Never touch the spark plug or plug HT cable while the engine is in operation, doing so may result in an electrical shock.
- Never touch the exhaust, spark plug, or any metallic parts while the engine is in operation or immediately after shutting down the engine, these parts reach high temperatures during operation and doing so could result in serious burns.
- When you finish cutting in one location and wish to continue work in another area, stop the engine.
- Always remove fuel from the fuel tank before transportation to prevent fuel spillage.
- Never leave the grass trimmer exposed to direct sunlight as this can heat the fuel tank and may cause a discharge of fuel, and flood the engine.
- Be careful not to hit the nylon cutting head against stones or the ground.

TWO-STROKE FUEL



- Fuel is very flammable. Do not smoke or bring any flame or sparks near fuel.
- Always stop the engine and allow it to cool before refuelling.
- Refuel outdoors on bare ground, restart engine at least 5m away from the refuelling stop.
- The engine is lubricated by oil mixed into petrol. Prepare a mixture of unleaded petrol and semi-synthetic two-stroke oil that meets the specifications of: *API TC, ISO-L-EGC, JASO FC (Low Smoke) oil.*

Recommended mixing ratio is 40:1

- **FUEL WITH NO OIL (RAW PETROL) will cause severe damage to the engine which is not covered by manufacturer's warranty.**
- Use fresh, unleaded petrol (95 RON) and semi-synthetic oil specially made for high performance two-stroke engines. Mix in a ratio of **40 parts petrol to 1 part of oil.**
- By using two-stroke oil specially made for two-stroke engines you will reduce the formation of ash and carbon deposits on the spark plug, piston, exhaust muffler and cylinder as well as reducing emissions of harmful exhaust gases.
- Oil FOR 4-CYCLE ENGINES should not be used as two-stroke lubrication oil as it can cause fouling of the spark plug, exhaust port blocking, piston ring sticking and other internal engine damage.

FUEL STORAGE

- Mixed two-stroke fuel which has been left unused for a period of one month or more may damage the carburettor and result in the engine failing to start or operate correctly.
- When storing the grass trimmer for a period of more than one month, empty the fuel tank, and run the engine to empty the carburettor of fuel.
- Two-stroke fuel can cause deterioration of rubber and/or plastic components during prolonged storage.
- It is important to only use good quality, fresh fuel mix.

FUELLING

- Shake the fuel container to thoroughly mix the two-stroke oil and petrol.
- Clean dirt from around the fuel cap before removing.
- Pour two-stroke fuel into the fuel tank with a filtered funnel, up to 80% of the fuel tanks capacity.
- Replace the fuel cap and tighten securely. Spilled fuel must be wiped away from the grass trimmer before starting the engine.
- Move at least 5m away from the refuelling area before restarting the engine.



- When refilling the tank, always turn off the engine and allow it to cool down. Take a careful look around to make sure that there are no sparks or naked flames anywhere nearby before refuelling.

OPERATION



Keep clear of the cutting head as it may start moving when the engine starts.

STARTING THE ENGINE

- **CAUTION** do not pull the starter cord all the way out and do not let go of the starter handle when the cord is extended, this can damage the starter mechanism.

COLD ENGINE STARTING

- Rest the unit on a flat, firm surface. Keep the cutting head off the ground and clear of surrounding objects as it may start moving when starting the engine.
- Push the air purge bulb Fig 9 until fuel is visible in the clear return fuel line .

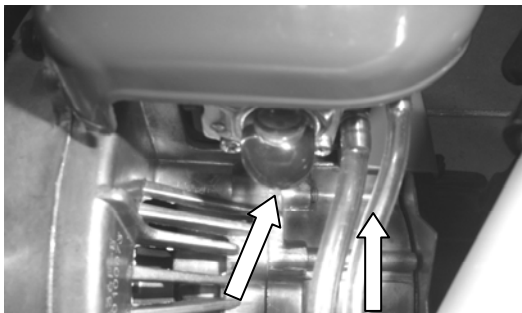


Fig 9 air purge bulb, clear tube

- Move the choke lever to the closed  position Fig 10.

Fig 10

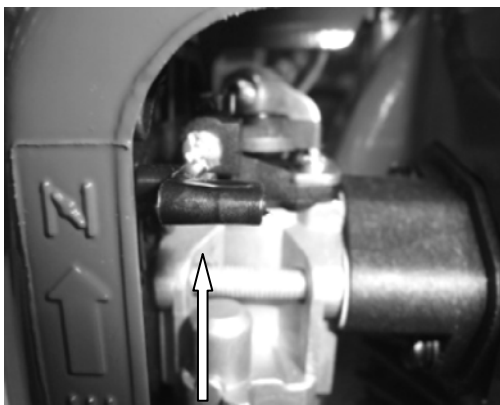


Fig 11

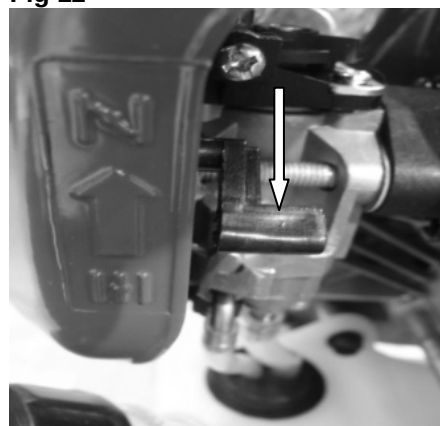




Fig 12

- Set the ignition switch Fig 12 to **START (I)** position.
- While holding the unit, pull out the starter rope firmly until engine fires (indicated by a 'cough' from the engine).
- Move the choke lever to the open position  Fig 11.
- Pull the starter rope until the engine starts.
- Allow the engine to warm up before use. When cutting, always use the grass trimmer on full throttle.

HOT ENGINE STARTING

- Set the ignition switch Fig 12 to the **START (I)** position.
- Pull the starter rope until the engine starts.
- If the engine does not start after 5 pulls, use the cold start procedure.



OVERCHOKING

- Should the engine become flooded due to over-choking, set the ignition switch to the **STOP (O)** position Fig 12, unscrew the spark plug, wipe it dry or replace, pull the recoil starter several times without the spark plug in place and with choke in the open position. This will help clean and ventilate the combustion chamber.

STOPPING THE ENGINE

- Set the engine to idling by releasing the throttle lever.
- Set the ignition switch to the **STOP (O)** position Fig 12.
- If the engine fails to stop, set the choke lever to the closed position to stall the engine; do not use the machine until the ignition switch is repaired.

RUNNING IN

- During the first ten hours of work, avoid running the engine at maximum speed for a prolonged period until all the components have bedded in, after the engine has been run-in, it will reach its maximum power.

MAINTENANCE

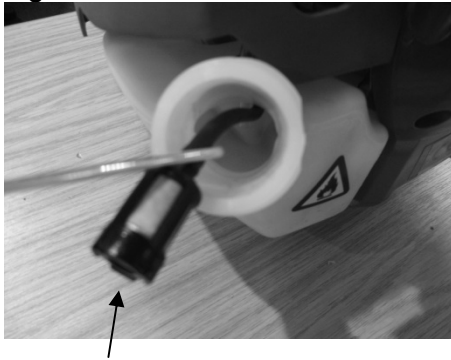
IMPORTANT

- After every use, check that all nuts, bolts and screws are securely fastened and tighten if necessary.

FUEL FILTER

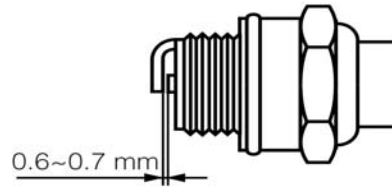
- Every 15 hours of operation, using a wire hook, take the fuel filter from the fuel tank Fig13 and clean or replace with a new fuel filter.

Fig 13



fuel filter

Fig 14



SPARK PLUG

- Poor starting or misfiring is often caused by a fouled or defective spark plug, clean and reset the gap to 0.65 mm, or replace the spark plug with NGK: BPRM7A as necessary Fig 14.

AIR FILTER

- Before using the grass trimmer, check the air filter Fig 16. If clogged, will reduce the engine performance.
- Remove the air filter cover by undoing the cover screw Fig 15, clean the filter element in warm, soapy water, dry completely before installing. If the element is broken or shrunk, replace with a new one.

FIG 15 AIR FILTER COVER SCREW

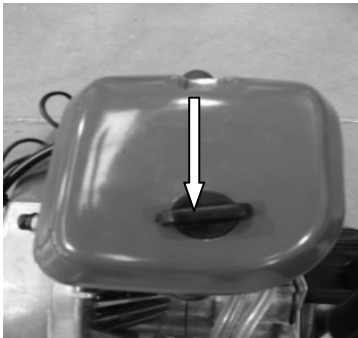
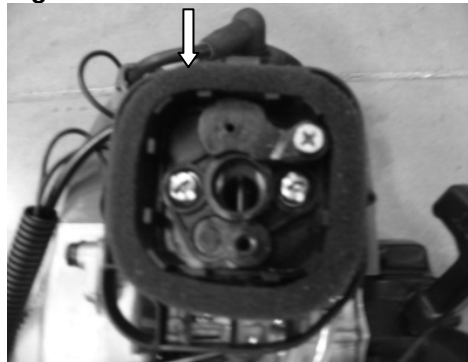
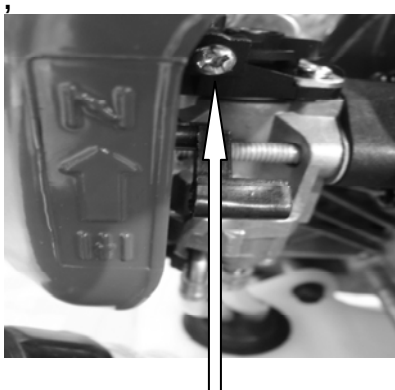


Fig 16 AIR FILTER



CARBURETTOR

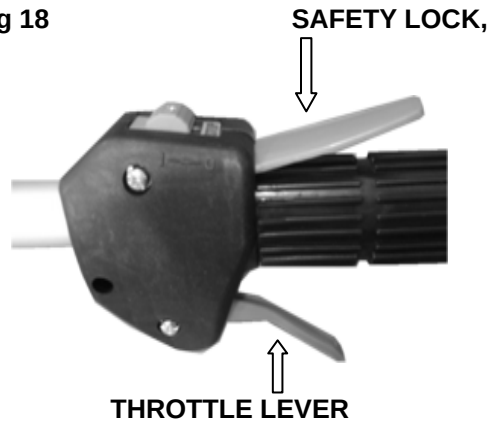
- The carburettor mixture setting has been set at the factory and will not need adjusting.
- Adjusting the idle speed Fig 17. If adjustment is necessary turn the **T** screw clock wise until the blades start to move, then turn the screw **T** anticlockwise until the blades stop.





- If the idle speed cannot be adjusted to stop the cutting head moving at idle, contact your dealer for repair before use.

Fig 18



SAFETY LOCK

- The safety lock is to prevent the throttle lever from accidentally being engaged.
- The throttle lever, Fig 18, can only be pressed in if the safety lock is held down.
- Check if the safety lock and throttle lever returns to its original position and the engine returns to idling when you release your hand from the handle.
- Any defects contact your nearest service agent for repairs before using the machine.

STORAGE

- Remove the spark plug, pour a small amount of oil into the cylinder. Rotate the crankshaft several times using the starting rope in order to distribute the oil. Put the spark plug back in.
- Remove the fuel from the machine.

TROUBLESHOOTING

Engine will not start, power loss.

- Check that the fuel tank is not empty. Fill with mixed fuel.
- The fuel does not reach the carburettor. Change the fuel filter in the fuel tank.
- There is water in the fuel. Drain and clean the fuel system.
- The air filter is dirty. Clean or replace the air filter.
- There are carbon deposits in the exhaust muffler restricting the engine. Clean or change the muffler.
- Spark plug is worn. Replace spark plug.

REPLACING THE NYLON CORD

Check to see if the nylon head is damaged before replacing the cord. If you can see serious traces of wear or damage, you must replace the complete nylon head.

- Stop the engine.
- Open the nylon head by holding the string head and unscrew the spool retainer nut anti-clockwise, Fig 19.
- Pull the bobbin out of the nylon head and take out the rest of the nylon cords.
- Cut two cords, 2.0mm Ø and 2.5 meters long.
- Make a loop folded at one end of the nylon cord and insert it into one of the holes provided on the bobbin Fig 20. Wind the line anti-clockwise in this channel maintaining an even, firm tension onto the bobbin.
- Repeat the above step, using the other channel.
- After winding the cord, insert both ends into the notches on the bobbin, Fig 21.
- Check that the spring is fitted to the string head Fig 22.
- Introduce each end of the cords into the holes provided Fig 22. The cords should stick out appx15 cm either side.
- Pull the cords to free them from the notches and refit the retainer nut.

Never use a cutting device other than those supplied by the manufacturer. (Steel cord is never allowed) Always use original spare parts in order to benefit from continuous warranty

Fig 19



Fig 20



Fig 21

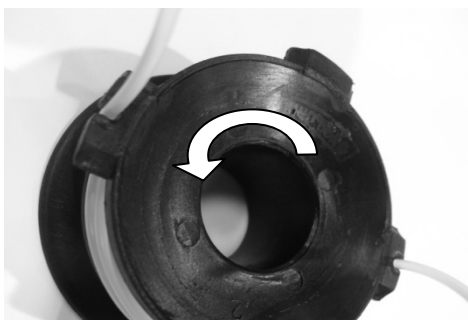
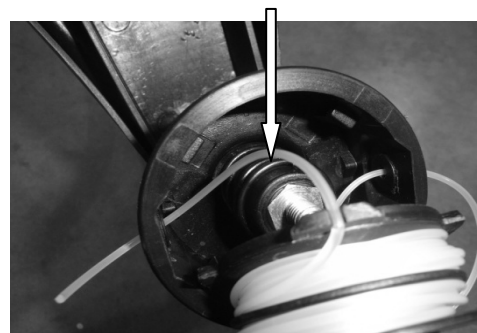


Fig 22



MAINTENANCE SCHEDULE

Component	Procedure	Before use	Every 15 Hours	Every 25 Hours	Every 50 Hours	Note
Fuel leaks / spillage	Wipe up	X				
Fuel tank, filter	Inspect / clean		X			Replace if necessary
Idle adjust screw	See above	X				Adjust carburettor if necessary
Spark plug BPMR7A	Clean and readjust plug gap			X		GAP .025" (0.6-0.7mm) Replace, if necessary
Cylinder fins, Intake air cooling vent	Clean		X			
Muffler, Spark arrestor, cylinder exhaust port	Clean				X	
Throttle lever, ignition switch	Check operation	X				
Air filter	Clean	X				
Screws, nuts, bolts	Tighten / replace	X				Not adjustment screws

TECHNICAL SPECIFICATIONS

MODEL	MITOX 251C	
Engine	Type	Air cooled 2-stroke petrol engine
	Model	IE34F-2E
	Displacement : (cm ³)	25.4 cc
	Max. output	0.7 (kw) in accordance with ISO 8893
	Idle speed: rpm (min ⁻¹)	2800±150
	Max. power speed: rpm (min ⁻¹)	9800
	Fuel tank capacity	0.65L
	Fuel	Mixture (petrol 40 : Oil 1)
	Carburetor	Diaphragm type
	Spark Plug	Torch L8RTC or NGK-R BPMR7A or equivalent
Transmission		Centrifugal clutch, spur gear, cam-crank
Dry Weight w/o petrol		5.1 kg
Overall size (LxWxH)		1660mmx285mmx250mm
Cutting width:		337mm
Cutting line diameter		2.0mm
Max. rotation speed:		8500 rpm (min ⁻¹)

Above specifications are subject to change without notice.



CONDITIONS OF WARRANTY

The manufacturer warrants the product against faulty materials and workmanship for a period of 2 years from the date of first purchase. The warranty is applicable when the product is used in a “**home owner**” application. If products are used for **commercial or professional purposes**, the warranty period is for **3 months** from the date of first purchase. Warranty does not extend to failure due to fair wear and tear.

The manufacturer undertakes to replace, any spare parts that are classified as defective by an appointed Mitox service dealer. The manufacturer will not accept liability for the replacement of the machine, either partially or wholly, and /or consequential damages and /or interest charges either directly or indirectly.

Warranty does not cover failure due to:

- Insufficient maintenance.
- Incorrect fuel mixture and stale fuel.
- Abnormal use or accidental damage.
- Incorrect assembly, adjustment or operation of the product.
- Spare parts that are subject to wear e.g. safety parts, blades, blade supports, bearings, cables, guards, deflectors, spark plugs, air filters etc.

Neither does warranty extend to:

- Freight and packing costs.
- Use of non-genuine spare parts i.e. those from another manufacturer.
- Use of the machine for any other purpose than that for which it was designed.
- Use and maintenance of the machine in a manner not described in the owner's manual.

As part of our policy of continuous product improvement, we reserve the right to alter or amend this specification without notice. As a result, the product may differ from the information contained herein, but any alteration will only be implemented without notice if it is classified as an improvement to the above specification.

READ THE MANUAL CAREFULLY BEFORE OPERATING THE MACHINE

When ordering spare parts, please quote the part number, this can be found in the parts list included in this manual.

Retain the receipt of purchase without which no warranty can be offered.

To find your nearest stockist and authorised service dealer:
www.mitoxgm.co.uk

U.K. IMPORTER

Mitox Garden Machinery

Wincanton Business Park
WINCANTON
Somerset
BA9 9RS

CE declaration of Conformity - Declaration de Conformité CE - Dichiarazione di Conformità CE - Declaración de Conformidad CE -

The undersigned- Je soussigné - Il sottoscritto -EL abajo firmante : **Mr KEJUN LIU PRESIDENT of :**

**Shanghai Huasheng International Business Co., Ltd
Room 1502A, 118 Xinling Road, Pudong, Shanghai CHINA**

declares under its own responsibility, that the following brushcutters with internal combustion engine
déclare sous sa propre responsabilité que les débroussailleuses, équipées d'un moteur thermique
dichiara sotto la sua propria responsabilità che i seguenti decespugliatori con motore termico a scoppio
declara bajo su propia responsabilidad que las desbrozadoras con motor de combustior

Brand. Marque. Marca

MITOX

Type. N° serial + engine
Type. N° de série + moteur
Tipo. N° di seria + motore
Tipo. N° de seria + motor

251C or CG260E-E N° Engine ref: 1E34F-2E

are in accordance with :
sont conformes à :
Sono in conformità con :
son conformes con :

Directives 2006/42/EC, 2004/108/ EEC, 2000/14/EC , 2005/88/EC

For the checking of the conformity to the above Directives the following Standards have been used :
Pour la vérification de la conformité aux Directives ci-dessus, les Normes suivantes ont été utilisées:
Per il controllo della conformità alle sopraindicate Direttive sono state seguite le seguente Normative :
Para comprobar la conformidad de las Directivas anteriores se han utilizado las siguientes Normas :
EN ISO 11806 - EN 14982

Mesured Sound power level LWA, M :
Niveau de puissance accoustique **mesuré** LWA, M :
Livello di potenza accustica **misurato** LWA, M :
Nivel de potencia acústica **mesurado** LWA, M :

251C or CG260E-E : 111 dB(A)

Guarantided Sound power level LWA, G :
Niveau de puissance accoustique **garanti** LWA, G :
Livello di potenza accustica **garantito** LWA, G :
Nivel de potencia acústica **garantito** LWA, G :

251C or CG260E-E : 113 dB(A)

Done at:

Fait à :

Fatto a :

Shanghai City

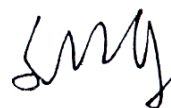
25 Sep. 2010

Name :

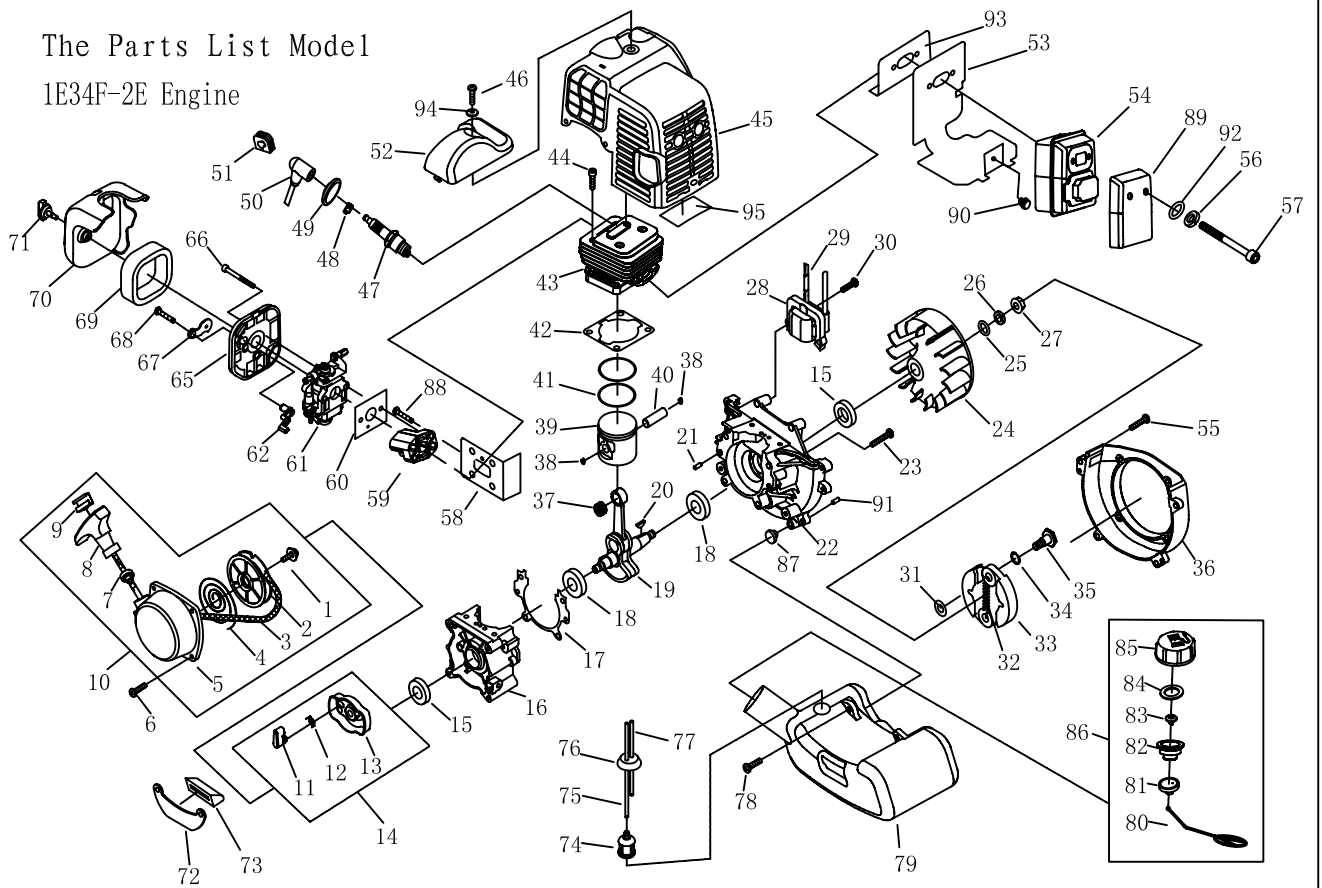
Nom :

Nome :

**Mr KEJUN LIU
PRESIDENT**



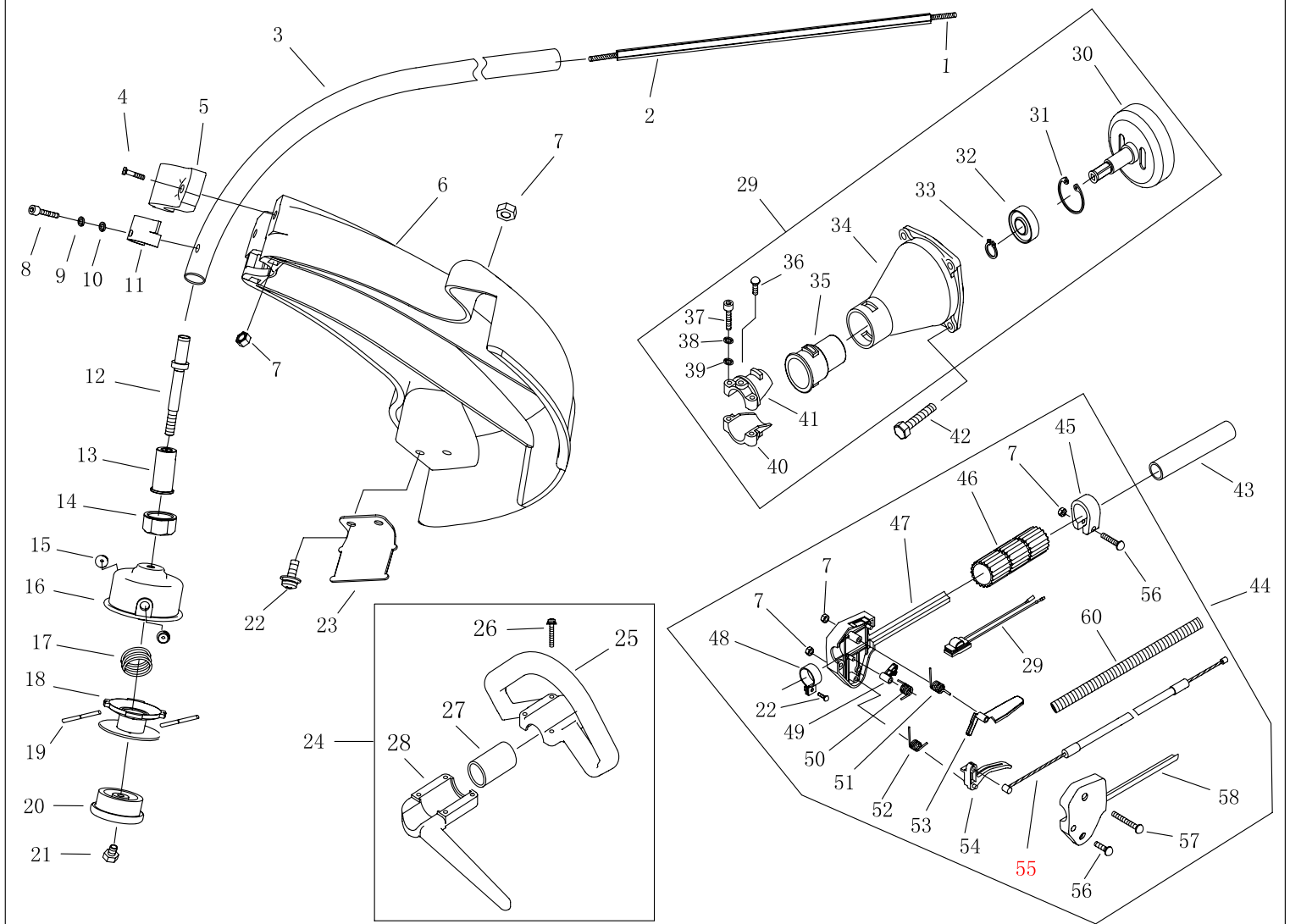

The Parts List Model 1E34F-2E Engine



1E34F-2E GASOLINE ENGINE

NO.	Part No.	Part Name	Qty.	NO.	Part No.	Part Name	Qty.	NO.	Part No.	Part Name	Qty.	NO.	Part No.	Part Name	Qty.
1	GB/T9074. 6	Screw M5×10	1	25	GB/T859	Washer 8	1	49	1E34F. 5-3	Plug Cap	1	73	1E40F-5A-2	Rubber Cover	1
2	1E34F. 11-2	Start Rope Reel	1	26	GB/T97. 1	Washer 8	1	50	1E34F-E. 3-1	Cap	1	74	1E34F. 9. 2-3	Cleaner Cover	1
3	1E34F. 11-3	Rope	1	27	GB/T6171	Nut M8×1	1	51	1E40F-5. 3-1	Plug	1	75	CG420. 1. 3. 2-2	Fuel Pipe	1
4	1E34F. 11-1	Recoil Spring	1	28	1E34F-2E. 3. 2	IGNITION COIL COMP.	1	52	1E34F-E-4	Cover	1	76	EB-415. 4. 2-2	Plug	1
5	1E34F. 11G. 1	Start Cover Ass'y	1	29	1E36F-2. 3. 1	Cord Comp.	1	53	1E34F-E-2	Gasket	1	77	EB-415. 4. 2-4	Fuel Pipe LS-3×1×85	1
6	GB/T9074. 4	Screw M4×16	4	30	GB9074. 13	Screw M5×20	2	54	1E34F-2E. 2	Muffler	1	78	GB/T9074. 4	Screw M5×16	2
7	1E34F. 11. 1-1	Guide Bushing	1	31	1E34F-11	Washer	2	55	GB/T9074. 13	Screw M5×16	4	79	1E31FE. 8-1	Fuel Tank	1
8	1E36F. 1-1	Start Handle	1	32	1E34F. 10-1	Spring	1	56	GB/T93	Washer 5	2	80	1E32FL. 6. 2-4	Chain	1
9	1E36F. 1-5	Resist Gasket	1	33	1E34F. 10. 1	Expander	2	57	GB/T70. 1	Screw M5×55-12. 9	2	81	1E32FL. 6. 2-3	End Cover	1
10	1E34F. 11G	Starter	1	34	1E34F-13	Washer	2	58	1E34F-E-8	Gasket	1	82	1E32FL. 6. 2-2	Inside Cover	1
11	1E34F. 8-1	Start pole	1	35	1E34F-12	Screw Pin	2	59	1E34F-E. 8	Admitting Pipe	1	83	EB-415. 4. 1. 1-1	Inlet	1
12	1E34F. 8-2	Spring	1	36	1E31FE-HS-3	Fan Cover	1	60	1E34F-1	Gasket	1	84	CG420. 1. 3. 1-2	Gasket	1
13	1E34F. 8. 1	Start Reel	1	37	1E31F. 4. 1	Bearing	1	61	1E34F-E. 1A	Carburetor	1	85	1E32FL. 6. 2-1	Fuel Tank Lid	1
14	1E34F. 8	Start Reel Ass'y	1	38	1E34F. 6-2	Ring	2	62	1E34F. 1-2	Choker Handle	1	86	1E32FL. 6. 2	Lid Ass'y	1
15	1E36F. 2	Oil-seal	2	39	1E34F-E. 4-1	Piston	1	63				87	1E40F-5A-3	Rubber washer	2
16	1E34F-E. 6-1	Crank Case	1	40	1E34F. 6-3	Piston Pin	1	64				88	GB/T9074. 4	Screw M5×25	2
17	1E34F-E. 6-2	Gasket	1	41	1E34F. 6-5	Piston Ring	2	65	1E34F. 1. 1	Cleaner inside cover	1	89	1E34F-E-7	Cover	1
18	GB/T276	Bearing 6001/P5	2	42	1E34F-E-3	Gasket	1	66	GB/T9074. 4	Screw M5×55	2	90	GB/T9074. 4	Screw M4×8	1
19	1E34F-E. 4. 1	Crank Shaft	1	43	1E34F-2E-1	Cylinder	1	67	1E34F. 1-3	CHOKER	1	91	GB/T119	Pin B4×10	2
20	1E40FP-3Z. 3-1	Key 3x5x13	1	44	GB/T70. 1	Screw M5×20	4	68	GB/T845	Screw ST4. 2×12-F-H	1	92	GB/T97. 1	Washer 5	2
21	GB/T119	Pin B3×10	2	45	1E34F-E. 5	Guide Cover Ass'y	1	69	1E34F. 1-1	Filter Net	1	93	HA28-6	Gasket	1
22	1E34F-E. 6-3	Crank Case	1	46	GB/T9074. 4	Screw M5×16	1	70	1E36F-E. 7-1	Cleaner Outside Cover	1	94	1E36F-2C-1	Gasket	1
23	GB/T70. 1	Screw M5×30	4	47	L8RTC	Spark Plug	1	71	1E34F. 1. 2	Screw	1	95	1E36F-E-9	Gasket	0. 048
24	1E34F-2E. 3. 1	MAGNETO ROTOR COMP.	1	48	1E40F-3A. 8-2	Spring	1	72	1E34F-E-6	Stand	1				

MITOX 251C Brush Cutter



NO.	Part NO.	Part Name	Qty.	NO.	Part NO.	Part Name	Qty.	NO.	Part NO.	Part Name	Qty.
1	CG260E-CE. 1. 1	Flexible Shaft	1	21	CG230E. 3. 1-1	NUT M8	1	41	CG260E. 1A-2	Clamp A	1
2	CG260E-CE. 1-1	Bracket	1	22	GB9074. 4	Screw M5×16	1	42	GB/T9074. 13	Screw M6×20	4
3	CG260E. 1-1	Pipe	1	23	CG305F. 11-1	Blade	1	43	CG260E-2	Bush	1
4	GB/T9074. 13	Screw M5×25	2	24	CG260E-CE. 2	Holder Ass'y	1	44	CG260. 2	Lever Ass'y	1
5	CG260E-6	Holder	1	25	BG330-CE. 1-1	Holder	1	45	CG305F. 13-5	Clamp	1
6	CG260E-5	Safety Guard	1	26	GB/T9074. 4	SCREW M5×30	4	46	CG305F. 13-6	Rubber Cover	1
7	GB/T889. 1	Nut M5	6	27	CG260E-CE. 2-1	Bush	1	47	CG305F. 13-4	Box, Right	1
8	GB/T818	Screw M5×8	1	28	BG330-CE. 1. 1	Cap, Lower	1	48	CG305F. 13. 2	Clamp	1
9	GB/T859	Washer 5	1	29	CG260E. 1A	Clutch Comp.	1	49	CG305F. 13-10	Tine	1
10	GB/T848	Washer 5	1	30	CG260E. 1A. 1	Clutch Drum Comp.	1	50	CG305F. 13-11	Spring	1
11	CG230E-3	Bracket	1	31	GB/T893. 1	Stop Ring 35	1	51	CG305F. 13-9	Spring	1
12	CG230E. 2-3	Screw	1	32	GB/T276	Bearing 6202-2RS/P6	1	52	CG305F. 13-1	Spring	1
13	CG230E. 2-4	Cover	1	33	GB/T894. 1	Stop Ring 15	1	53	CG305F. 13-8	Safety Lever	1
14	CG230E. 2-5	Nut	1	34	CG261. 1-1	Linker	1	54	CG305F. 13-2	Throttle Lever	1
15	CG230E. 3-1	Rope Cover	2	35	CG260E. 1A-3	Rubber Cover	1	55	CG260. 2. 2C	Cable Comp.	1
16	CG230E. 3. 1	Roper Holder	1	36	GB/T9074. 4	Screw M5×12	1	56	GB/T9074. 4	Screw M5×25	2
17	CG230E. 3-3	Spring	1	37	GB/T70. 1	Screw M5×25	2	57	GB/T9074. 4	Screw M5×35	1
18	CG230E. 3-2	Rope Support	1	38	GB/T97. 1	Washer 5	6	58	CG305F. 13-3	Box, Left	1
19	CG230E. 3-4	Rope φ1.8×2500	2	39	GB/T93	Washer 5	6	59	CG260. 2. 1	Stop Switch	1
20	CG230E. 3. 2	Case	1	40	CG260E. 1A-1	Clamp B	1	60	CG260. 2-1	Tube	1